

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-313059

(43)Date of publication of application : 09.11.1999

(51)Int.Cl.

H04L 12/18  
G06F 13/00  
G06F 13/00  
H04L 12/56

(21)Application number : 10-116577

(71)Applicant : NIPPON TELEGR & TELEPH CORP  
<NTT>

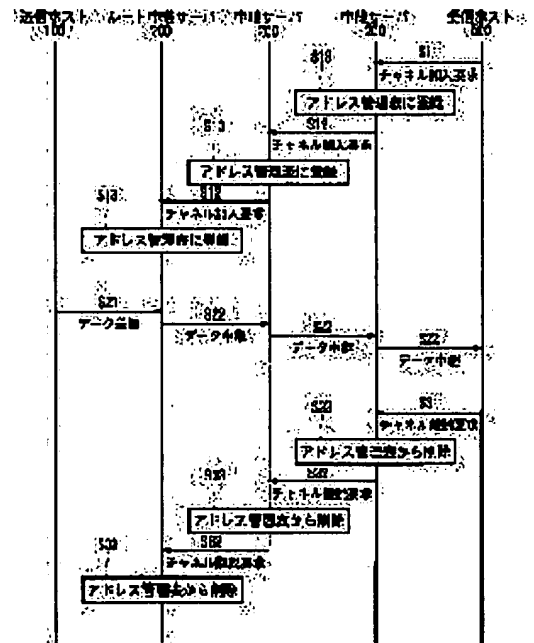
(22)Date of filing : 27.04.1998

(72)Inventor : ISHIKAWA NORIHIRO  
MURANUSHI TOSHIHIKO

## (54) MULTICASTING COMMUNICATION METHOD/SYSTEM AND STORAGE MEDIUM RECORDING MULTICASTING COMMUNICATION PROGRAM

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide push-type multicasting communication/system having real time property and scalability with respect to the increase of the number of reception hosts, and a storage medium recording a multicasting communication program.  
**SOLUTION:** Data whose destination is a channel from a transmission host 100 are distributed to a reception host 500 through one repeating server 200 or a plurality of repeating servers 200 having tree structures where repeating routes are defined for the channels. The reception host 500 transmits a channel entry request message or an entry separation message to the repeating server 200 for requesting entry/separation to/from the channel. Upon receiving the pertinent message, the repeating server 200 registers or deletes the address of the reception host 500 or the slave repeating server 200 in/from an address management table and repeats the pertinent message to the master repeating server 200.



### LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

BEST AVAILABLE COPY

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office

BEST AVAILABLE COPY